BRUHAT BENGALURU MAHANAGARA PALIKE

FIRST AND FINAL BILL

MEASUREMENT SHEET

Name of work: Improvements to footpaths in Ward No. 14 (Vidyaranyapura).

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P3726 Zonal Public Works - POW Works

Job Code: 014-23-000013

Name of Agency: Sri Shivaraju K.M, S/o Mallaiah, K.M, No.16, 16th Cross, K P Agrahara, Bhuvaneshwarinagara, Magadi Road, Bangalore - 560023.

Work order No: BBMP/EE/BTP/WO/202/2022-23 D: 28-03-2023.

Measurements Recarded on : 29-03-2023

Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.								
	Qty as per Premeasurement vide E-Bill Page No. 01 to 02 is =					**122.51**	Cum	204.00	**24992.00**
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)								
	Qty as per Premeasurement vide E-Bill Page No. 03 to 04 is =					**816.75**	Sqm	111.00	**90659.00**
3	Providing granite slabs of selected quality roughly dressed having a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete								
	Slabs								
	HMT Layout 6th Block 4th								
	N/S	1	5.20		1.35	7.02			
		1	4.60		1.35	6.21			
		1	3.20		1.35	4.32			
		1	1.50		1.35	2.03			
		1	3.20		1.35	4.32			
		1	1.50		1.35	2.03			
		1	3.60		1.35	4.86			
		1	2.50		1.35	3.38			
	S/S								
		1	1.20		1.35	1.62			
		1	3.50		1.35	4.73			
		1	7.50		1.35	10.13			
		1	2.60		1.35	3.51			
		1	8.50		1.35	11.48			
		1	3.20		1.35	4.32			
		1	4.50		1.35	6.08			
		1	3.20		1.35	4.32			
		1	1.50		1.35	2.03			

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	HMT Layout 6th Block 5th A E/S	1	6.50		1.35	8.78			
	W/S	1	3.50		1.35	4.73			
		1	5.60		1.35	7.56			
	HMT Layout 6th Block 5th N/S	1	3.80		1.35	5.13			
		1	2.60		1.35	3.51			
	S/S	1	6.50		1.35	8.78			
		1	4.20		1.35	5.67			
		1	5.20		1.35	7.02			
	Last Bus Stop Road near Park	1	5.50		1.35	7.43			
		1	3.20		1.35	4.32			
		1	4.20		1.35	5.67			
		1	1.20		1.35	1.62			
	HMT Layout 4th Block 14th S/S	1	3.20		1.35	4.32			
		1	4.50		1.35	6.08			
		1	2.20		1.35	2.97			
		1	1.50		1.35	2.03			
		1	3.20		1.35	4.32			
		1	4.60		1.35	6.21			
		1	5.30		1.35	7.16			
		1	1.20		1.35	1.62			
		1	3.50		1.35	4.73			
		1	2.20		1.35	2.97			
		1	1.50		1.35	2.03			
						196.97			
						196.02	Sqm	650.00	127413.00

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Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Measurements Recarded on : 29/03/2023								
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate**								
	Qty as per Premeasurement vide E-Bill Page No. 05 to 08 is =					**40.73**	Cum	5500.00	**224015.00**
5	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications								
	Qty as per Premeasurement vide E-Bill Page No. 09 to 10 is =					**484.00**	Sqm	960.00	**464640.00**
6	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with **100 mm** thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete.								
	Covering Slab								
	HMT Layout 6th Block 4th								
	N/S	1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	10.40	0.90		9.36			
		1	1.20	0.90		1.08			
	S/S								
		1	16.20	0.90		14.58			
		1	7.00	0.90		6.30			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	2.80	0.90		2.52			
		1	7.50	0.90		6.75			
		1	8.80	0.75		6.60			
		1	9.00	0.75		6.75			
		1	4.00	0.60		2.40			
		1	8.00	0.75		6.00			
		1	15.00	0.90		13.50			

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
		1	15.00	0.90		13.50			
		1	6.30	0.90		5.67			
	HMT Layout 6th Block 5th A								
	E/S	1	15.00	0.90		13.50			
		1	8.50	0.90		7.65			
		1	7.00	0.75		5.25			
	W/S								
		1	6.20	0.75		4.65			
		1	1.20	0.75		0.90			
		1	7.00	0.75		5.25			
	HMT Layout 6th Block 5th								
	N/S	1	7.60	0.75		5.70			
		1	7.60	0.75		5.70			
		1	17.30	0.75		12.97			
	S/S	1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	15.00	0.90		13.50			
		1	11.50	0.90		10.35			
		1	6.30	0.90		5.67			
	Last Bus Stop Road near Park								
		1	15.20	0.90		13.68			
	HMT Layout 6th Block 6th								
	Missing Slabs								
	N/S	1	17.30	0.90		15.57			
		1	16.80	0.90		15.12			
		1	11.40	0.90		10.26			
		1	6.60	0.90		5.94			
		1	7.20	0.90		6.48			
		1	8.40	0.90		7.56			
		1	3.60	0.90		3.24			
		1	9.00	0.90		8.10			
		1	16.80	0.90		15.12			
	HMT Layout 4th Block 14th								
	S/S	1	9.00	0.90		8.10			
		1	6.40	0.75		4.80			
		1	6.20	0.75		4.65			
		1	12.00	0.75		9.00			
		1	5.40	0.75		4.05			
		1	4.40	0.75		3.30			
		1	4.40	0.75		3.30			
		1	7.00	0.75		5.25			
		1	8.00	0.75		6.00			
						551.62			
	Total					544.50	Sqm	1500.00	816750.00

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Assistant Engineer
Ward No. 14, Vidyaranyapura

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Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Measurements Recarded on : 06/04/2023								
7	Supplying and fixing M15 grade precast cement concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge.								
	New Kerb Stones								
	HMT Layout 6th Block 4th								
	N/S	1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	10.40			10.40			
		1	1.20			1.20			
	S/S								
		1	16.20			16.20			
		1	4.60			4.60			
		1	7.00			7.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	2.80			2.80			
		1	4.30			4.30			
		1	7.50			7.50			
		1	3.80			3.80			
		1	8.80			8.80			
		1	2.90			2.90			
		1	9.00			9.00			
	HMT Layout 6th Block 5th A								
	E/S	1	15.00			15.00			
		1	8.50			8.50			
	Deduct Tree Portion	-2	1.00			-2.00			
	W/S								
		1	6.20			6.20			
		1	1.20			1.20			
		1	7.00			7.00			
	HMT Layout 6th Block 5th								
	N/S	1	7.60			7.60			
		1	7.60			7.60			
		1	17.30			17.30			
	S/S	1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	11.50			11.50			
		1	6.30			6.30			

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Ward No. 14

Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Last Bus Stop Road near Park	1	15.20			15.20			
	HMT Layout 6th Block 6th Park Area	1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
		1	15.00			15.00			
	House Side	1	10.00			10.00			
		1	8.00			8.00			
	HMT Layout 4th Block 14th S/S	1	15.40			15.40			
		1	6.20			6.20			
		1	12.00			12.00			
		1	5.40			5.40			
		1	4.40			4.40			
		1	4.40			4.40			
		1	7.00			7.00			
		1	8.00			8.00			
						605.70			
						605.00	Sqm	350.00	211750.00

AEE VRP I SD

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Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Measurements Recarded on : 08/04/2023								
8	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces.								
	Kerb Stone Painting								
	HMT Layout 6th Block 4th								
	N/S	1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	10.40		0.30	3.12			
		1	1.20		0.30	0.36			
	S/S								
		1	16.20		0.30	4.86			
		1	4.60		0.30	1.38			
		1	7.00		0.30	2.10			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	2.80		0.30	0.84			
		1	4.30		0.30	1.29			
		1	7.50		0.30	2.25			
		1	3.80		0.30	1.14			
		1	8.80		0.30	2.64			
		1	2.90		0.30	0.87			
		1	9.00		0.30	2.70			
	HMT Layout 6th Block 5th A								
	E/S	1	15.00		0.30	4.50			
		1	8.50		0.30	2.55			
	Deduct Tree Portion	-2	1.00		0.30	-0.60			
	W/S								
		1	6.20		0.30	1.86			
		1	1.20		0.30	0.36			
		1	7.00		0.30	2.10			
	HMT Layout 6th Block 5th								
	N/S	1	7.60		0.30	2.28			
		1	7.60		0.30	2.28			
		1	17.30		0.30	5.19			
	S/S	1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	11.50		0.30	3.45			
		1	6.30		0.30	1.89			

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit	Rate	Amount
	Last Bus Stop Road near Park								
		1	15.20		0.30	4.56			
	HMT Layout 6th Block 6th								
	Park Area	1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
		1	15.00		0.30	4.50			
	House Side	1	10.00		0.30	3.00			
		1	8.00		0.30	2.40			
	HMT Layout 4th Block 14th								
	S/S	1	15.40		0.30	4.62			
		1	6.20		0.30	1.86			
		1	12.00		0.30	3.60			
		1	5.40		0.30	1.62			
		1	4.40		0.30	1.32			
		1	4.40		0.30	1.32			
		1	7.00		0.30	2.10			
		1	8.00		0.30	2.40			
						181.71			
	Total					**181.50**	Sqm	105.60	**19166.00**
9	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)								
	Qty Vide 90% of Item No- (1)					116.38			
	Total					**116.38**	Cum	81.40	**9474.00**
10	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km								
	Qty frm Item No-9		116.38	1.28		148.97			
	Total					**148.97**	T.Km	115.50	**17206.00**
								Grand Total	**2006065.00**
								GST Charges (18% of Executed cost)	**361092.00**
								Total Amount	**2367157.00**

AEE (VRP) SD

Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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BRUHAT BENGALURU MAHANAGARA PALIKE

FIRST AND FINAL BILL

MEASUREMENT SHEET

Name of work: Improvements to footpaths in Ward No. 14 (Vidyaranyapura).

Estimated Cost : Rs. 30.00 Lakhs

Head of Account : P3726 Zonal Public Works - POW Works

Job Code: 014-23-000013

Name of Agency: Sri Shivaraju K.M, S/o Mallaiah, K.M, No.16, 16th Cross, K P Agrahara, Bhuvaneshwarinagara, Magadi Road, Bangalore - 560023.

Work order No: BBMP/EE/BTP/WO/202/2022-23 D: 28-03-2023.

	Measurements Recarded on :	29/03/2023					
Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
1	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.						
	Drain Desilt						
	HMT Layout 6th Block 4th Cross						
	N/S	1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	10.40	0.45	0.45	2.11	
	S/S						
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.40	2.70	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.45	3.04	

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Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
	HMT Layout 6th Block 5th A Cross	1	5.50	0.45	0.45	1.11	
	E/S	1	15.00	0.45	0.30	2.03	
		1	15.50	0.45	0.40	2.79	
	W/S	1	15.00	0.45	0.35	2.36	
		1	8.50	0.45	0.45	1.72	
	HMT Layout 6th Block 5th Cross						
	N/S	1	15.00	0.45	0.45	3.04	
		1	9.50	0.45	0.40	1.71	
		1	17.30	0.45	0.30	2.34	
	S/S	1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.40	2.70	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.30	2.03	
		1	11.50	0.45	0.45	2.33	
		1	6.30	0.45	0.30	0.85	
	Last Bus Stop Road near Park E/S	1	15.20	0.45	0.45	3.08	
	HMT Layout 4th Block 14th Main S/S	1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.40	2.70	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.45	3.04	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.30	2.03	
		1	15.00	0.45	0.35	2.36	
		1	15.00	0.45	0.35	2.33	
		1	14.80	0.45	0.35		
			Total Qty =			122.96	
			Qty Ltd to Approved Qty =			122.51	Cum

AEE (VRP) SD

AEE (VRP)

Assistant Engineer
Ward No. 14, Vidyaranyapura

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Vidyaranyapura Sub Division

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Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
	Measurements Recarded on : 06/04/2023						
2	Removing and refixing stone slabs of drains and pointing in CM (1:3)						
	For Drain Reseting						
	HMT Layout 6th Block 4th Cross						
	N/S	1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	10.80		1.35	14.58	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	9.50		1.35	12.83	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	8.50		1.35	11.48	
		1	15.00		1.35	20.25	
		1	5.60		1.35	7.56	
	S/S						
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	10.30		1.35	13.91	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	9.20		1.35	12.42	
		1	15.00		1.35	20.25	
		1	6.80		1.35	9.18	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	9.20		1.35	12.42	
		1	15.00		1.35	20.25	
		1	4.20		1.35	5.67	
	HMT Layout 6th Block 5th A Cross						
	E/S	1	12.60		1.35	17.01	
		1	10.50		1.35	14.18	
	W/S						
		1	10.60		1.35	14.31	
		1	5.50		1.35	7.43	
	HMT Layout 6th Block 5th Cross						
	N/S	1	11.50		1.35	15.53	
		1	9.50		1.35	12.83	
		1	12.60		1.35	17.01	
	S/S	1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	9.50		1.35	12.83	
		1	15.00		1.35	20.25	
		1	5.50		1.35	7.43	
	Last Bus Stop Road near Park E/S						
		1	10.60		1.35	14.31	
	HMT Layout 4th Block 14th Main						
	S/S	1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	13.00		1.35	17.55	

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Pre-Measurement

Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	15.00		1.35	20.25	
		1	14.80		1.35	19.98	
			Total Qty =			817.16	
			Qty Ltd to Approved Qty =			816.75	Sqm

AEE (VRP)

Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
B.B.M.P, Bangalore - 97

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit
	Measurements Recarded on : 29/03/23						
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately **Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregate**						
	Drain Vent Conrete						
	HMT Layout 6th Block 4th Cross						
	N/S						
		1	5.20	0.45	0.10	0.23	
		1	4.60	0.45	0.10	0.21	
		1	3.20	0.45	0.10	0.14	
		1	3.60	0.45	0.10	0.16	
		1	3.20	0.45	0.10	0.14	
		1	5.90	0.45	0.10	0.27	
		1	3.60	0.45	0.10	0.16	
		1	6.50	0.45	0.10	0.29	
	S/S						
		1	6.30	0.45	0.10	0.28	
		1	3.50	0.45	0.10	0.16	
		1	7.50	0.45	0.10	0.34	
		1	2.60	0.45	0.10	0.12	
		1	8.50	0.45	0.10	0.38	
		1	3.20	0.45	0.10	0.14	
		1	4.50	0.45	0.10	0.20	
		1	3.20	0.45	0.10	0.14	
		1	3.50	0.45	0.10	0.16	
		1	6.50	0.45	0.10	0.29	
	HMT Layout 6th Block 5th A Cross						
	E/S	1	3.50	0.45	0.10	0.16	
		1	5.60	0.45	0.10	0.25	
	W/S						
		1	3.80	0.45	0.10	0.17	
		1	2.60	0.45	0.10	0.12	
	HMT Layout 6th Block 5th Cross						
	N/S	1	6.50	0.45	0.10	0.29	
		1	4.20	0.45	0.10	0.19	
		1	5.20	0.45	0.10	0.23	
	S/S	1	5.50	0.45	0.10	0.25	
		1	3.20	0.45	0.10	0.14	
		1	4.20	0.45	0.10	0.19	
		1	5.30	0.45	0.10	0.24	
	Last Bus Stop Road near Park E/S						
		1	3.20	0.45	0.10	0.14	
	HMT Layout 4th Block 14th Main						
	S/S	1	4.50	0.45	0.10	0.20	
		1	2.20	0.45	0.10	0.10	
		1	3.50	0.45	0.10	0.16	
		1	3.20	0.45	0.10	0.14	

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit
		1	4.60	0.45	0.10	0.21	
		1	5.30	0.45	0.10	0.24	
		1	4.50	0.45	0.10	0.20	
		1	3.50	0.45	0.10	0.16	
		1	2.20	0.45	0.10	0.10	
		1	2.80	0.45	0.10	0.13	
	Flagging Course						
	HMT Layout 6th Block 4th Cross						
	N/S	2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	10.40	0.15	0.10	0.31	
	S/S						
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	5.50	0.15	0.10	0.17	
	HMT Layout 6th Block 5th A Cross						
	E/S	2	15.00	0.15	0.10	0.45	
		2	15.50	0.15	0.10	0.47	
	W/S						
		2	15.00	0.15	0.10	0.45	
		2	8.50	0.15	0.10	0.26	
	HMT Layout 6th Block 5th Cross						
	N/S	2	15.00	0.15	0.10	0.45	
		2	9.50	0.15	0.10	0.29	
		2	17.30	0.15	0.10	0.52	
	S/S	2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	11.50	0.15	0.10	0.35	
		2	6.30	0.15	0.10	0.19	

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Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
	Last Bus Stop Road near Park E/S						
		2	15.20	0.15	0.10	0.46	
	HMT Layout 4th Block 14th Main						
	S/S	2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	15.00	0.15	0.10	0.45	
		2	14.80	0.15	0.10	0.44	
	Below Ketb Stones						
	HMT Layout 6th Block 4th Cross						
	N/S	1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	10.40	0.15	0.10	0.16	
	S/S						
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	5.50	0.15	0.10	0.08	
	HMT Layout 6th Block 5th A Cross						
	E/S	1	15.00	0.15	0.10	0.23	
		1	15.50	0.15	0.10	0.23	
	W/S						
		1	15.00	0.15	0.10	0.23	
		1	8.50	0.15	0.10	0.13	
	HMT Layout 6th Block 5th Cross						
	N/S	1	15.00	0.15	0.10	0.23	
		1	9.50	0.15	0.10	0.14	
		1	17.30	0.15	0.10	0.26	

AEE (VRP)

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Scanned with OKEN Scanner

Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
	S/S	1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	11.50	0.15	0.10	0.17	
		1	6.30	0.15	0.10	0.09	
	Last Bus Stop Road near Park E/S						
		1	15.20	0.15	0.10	0.23	
	HMT Layout 6th Block 6th Cross						
	Park Area	1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
	House Side	1	10.00	0.15	0.10	0.15	
	HMT Layout 4th Block 14th Main						
	S/S	1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	15.00	0.15	0.10	0.23	
		1	14.80	0.15	0.10	0.22	
			Total Qty =			40.82	
			Qty Ltd to Approved Qty =			40.73	Cum

Assistant Engineer
Ward No. 14, Vidyaranyapura

Assistant Executive Engineer
Vidyaranyapura Sub Division

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Sl No	Description of work	Mesurement No.	L	B	D	Qty.	Unit
	Measurements Recarded on : 06/04/23						
5	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications						
	Flagging Course						
	HMT Layout 6th Block 4th Cross						
	N/S	2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	10.40		0.40	8.32	
		2	1.20		0.40	0.96	
	S/S						
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	12.00		0.40	9.60	
	HMT Layout 6th Block 5th A Cross						
	E/S	2	15.00		0.40	12.00	
		2	15.50		0.40	12.40	
	W/S						
		2	15.00		0.40	12.00	
		2	8.50		0.40	6.80	
	HMT Layout 6th Block 5th Cross						
	N/S	2	15.00		0.40	12.00	
		2	9.50		0.40	7.60	
		2	17.30		0.40	13.84	
	S/S	2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	15.00		0.40	12.00	
		2	11.50		0.40	9.20	
		2	6.30		0.40	5.04	
	Last Bus Stop Road near Park E/S						

AEE (VRP) SD

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Sl No	Description of work	Mesurement				Qty.	Unit
		No.	L	B	D		
	HMT Layout 4th Block 14th Main	2	15.20		0.40	12.16	
	S/S						
		2	15.40		0.40	12.32	
		2	6.20		0.40	4.96	
		2	12.00		0.40	9.60	
		2	5.40		0.40	4.32	
		2	4.40		0.40	3.52	
		2	4.40		0.40	3.52	
		2	7.00		0.40	5.60	
		2	8.00		0.40	6.40	
			Total Qty =			484.16	
			Qty Ltd to Approved Qty =			484.00	Sqm

AEE (VRP) SD

Assistant Engineer
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